

[54] **SPEED CONTROL ATTACHMENT FOR GRAVITY ROLLER CONVEYOR**

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[21] Appl. No.: 803,264

[22] Filed: Jun. 3, 1977

[51] Int. Cl.² B65G 13/00

[52] U.S. Cl. 193/35 A; 188/80

[58] Field of Search 193/35 R, 35 A, 35 B; 188/80, 262; 271/182, 229

[56] **References Cited**

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[57] **ABSTRACT**

A gravity undriven roller conveyor is provided with speed control so as to maintain articles travelling thereon within a narrow speed range generally independent of the length of the conveyor, the starting speed of the article, and the load of the conveyor by providing an elastomeric tired wheel on a bracket beneath the cylindrical rolls of a conveyor so as to engage two adjacent cylindrical rolls and absorb kinetic energy through hysteresis properties of the material of the elastomeric tire on the wheel. Vertical adjustment is provided with a rigid screw mounting or a biased spring mounting, and flanges radially overlapping the tire are provided on the wheel so as to limit the compression of the tire through such vertical adjustment to within the elastic limit of the elastomeric material.

8 Claims, 5 Drawing Figures

